Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Saturday 05 Aug 2023 until 23:59 on Sunday 06 Aug 2023

Forecast Issued on Saturday 05 Aug 2023 at 03:47

Confidence: High for most aspects. Moderate confidence in amounts of low cloud and precipitation on Tuesday and Wednesday.

Headline for Saturday 05 Aug 2023: Wet and breezy, with extensive low cloud.

Mountain weather hazards on Saturday 05 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** High Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** High Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Cloudy
Precipitation probability					
>95%	>95%	90%	80%	60%	40%

Forecast for Saturday 05 Aug 2023

Weather: Cloudy with persistent rain for most of the day, turning heavy at times, and with a low risk of thunder within heavier bursts. Cloud may begin to break late in the evening, with some drier spells developing, but the risk of showers will continue.

Chance of cloud-free hill tops above 600m: 10%

Low cloud and visibility: Extensive cloud base 300-400m. Very poor visibility in cloud covering hills and in heavy rain. Cloud perhaps beginning to lift towards 500m with the odd break later in the evening, but likely persisting over higher hills.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Saturday 05 Aug 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/17 SE	20/27 E	20/26 E	18/24 NE	15/21 N	21/29 N	16/23 N
300	11/18 E	18/31 E	17/26 E	13/19 N	9/15 N	14/21 N	10/16 NW
Valley	7/17 E	13/25 E	14/27 E	10/20 N	9/19 N	10/23 N	7/17 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/5	8/4	8/5	9/5	9/5	8/4	8/4
300	10/8	10/7	11/8	11/8	11/9	10/8	10/8
Valley	10/9	11/8	12/9	12/10	12/10	11/9	10/9
Freezing Level*	1900m	2100m	2400m	2200m	2100m	2100m	1900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Unpleasant walking conditions. Watercourses may become swollen making some paths dangerous to navigate, and the ground will become slippery in places.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 05 Aug 2023	2mm	5mm	22.4mm

Forecast for Sunday 06 Aug 2023

Weather: Sunny spells and scattered showers, tending to become drier and clearer into the evening.

Maximum wind: Northwesterly 15 mph gusting 25 mph

Chance of cloud-free hill tops above 600m: 90%

Low cloud and visibility: Patchy cloud with bases around 500m at first, lifting to clear the tops by late morning and becoming more broken, especially into the evening. Very poor visibility in any cloud covering hills at first, and moderate in showers, but otherwise very good.

Temperature: **Valleys:** Plus 10 Celsius rising to Plus 16 Celsius
At 600m: Plus 8 Celsius rising to Plus 13 Celsius
Freezing level: Above the summits

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